L Number	Hits	Search Text	DB	Time stamp
1	1475	cryopump	USPAT;	2004/07/07 10:41
			US-PGPUB;	
			EPO; JPO	
2	53291	purge	USPAT;	2004/07/07 10:41
			US-PGPUB;	
1			EPO; JPO	
3	862415	valve	USPAT;	2004/07/07 10:41
			US-PGPUB;	
			EPO; JPO	
4	161	cryopump and purge and valve	USPAT;	2004/07/07 10:41
			US-PGPUB;	
			EPO; JPO	

L Number	Hits	Search Text	DB	Time stamp
1	1475	cryopump	USPAT;	2004/07/07 16:14
-	1,,,	a yopump	US-PGPUB;	2001/07/07 10:11
			EPO; JPO	
2	13170	valve near3 (cycle or cycled or cycling)	USPAT;	2004/07/07 16:14
~		· · · · · · · · · · · · · · · · · · ·	US-PGPUB;	2001,07,07 20121
			EPO; JPO	
3	21	cryopump and (valve near3 (cycle or cycled or cycling))	USPAT;	2004/07/07 16:14
		, , , , , , , , , , , , , , , , , , , ,	US-PGPUB;	.,,
			EPO; JPO	
4	5874	(sensor or thermocouple)near2 (malfunction\$ or improperly	USPAT;	2004/07/07 16:27
		or broken or properly or incorrect)	US-PGPUB;	, ,
1			EPO; JPO	
5	0	cryopump and ((sensor or thermocouple)near2	USPAT;	2004/07/07 16:27
		(malfunction\$ or improperly or broken or properly or	US-PGPUB;	
		incorrect))	EPO; JPO	
6	24248	(sensor or thermocouple)with (malfunction\$ or improperly	USPAT;	2004/07/07 16:27
		or broken or properly or incorrect)	US-PGPUB;	
			EPO; JPO	
7	2	cryopump and ((sensor or thermocouple)with (malfunction\$	USPAT;	2004/07/07 16:29
		or improperly or broken or properly or incorrect))	US-PGPUB;	
			EPO; JPO	
8	369475	vent\$	USPAT;	2004/07/07 16:29
			US-PGPUB;	
			EPO; JPO	
9	4120	(valve near3 (cycle or cycled or cycling)) and vent\$	USPAT;	2004/07/07 16:30
			US-PGPUB;	
			EPO; JPO	
10	633645	hydrogen	USPAT;	2004/07/07 16:30
			US-PGPUB;	
			EPO; JPO	00041071074655
11	46	((sensor or thermocouple)near2 (malfunction\$ or improperly	USPAT;	2004/07/07 16:30
[or broken or properly or incorrect)) and hydrogen and vent\$	US-PGPUB;	
			EPO; JPO	

L Number	Hits	Search Text	DB	Time stamp
1	438	(62/55.5).CCLS.	USPAT	2004/07/07 13:19
2	1475	cryopump	USPAT;	2004/07/07 13:19
			US-PGPUB;	
			EPO; JPO	
3	137747	malfunction\$ or unsafe	USPAT;	2004/07/07 13:20
			US-PGPUB;	
			EPO; JPO	
4	74	cryopump and (malfunction\$ or unsafe)	USPAT;	2004/07/07 13:20
			US-PGPUB;	
			EPO; JPO	
5	12	("4918930" "5157928" "5261244" "5343708"	USPAT	2004/07/07 13:20
 		"5375424" "5443368" "5450316" "5483803"		
		"5775109" "5819545" "5862671" "6022195").PN.		

L Number	Hits	Search Text	DB	Time stamp
1	1475	cryopump	USPAT;	2004/07/07 16:14
			US-PGPUB;	
_			EPO; JPO	
2	13170	valve near3 (cycle or cycled or cycling)	USPAT;	2004/07/07 16:14
			US-PGPUB;	
3	21	envolume and (valve pears) (cycle or cycled or cycling))	EPO; JPO USPAT;	2004/07/07 16:14
3	21	cryopump and (valve near3 (cycle or cycled or cycling))	US-PGPUB;	2004/07/07 10.14
			EPO; JPO	
4	5874	(sensor or thermocouple)near2 (malfunction\$ or improperly	USPAT;	2004/07/07 16:27
		or broken or properly or incorrect)	US-PGPUB;	, ,
			EPO; JPO	
5	0	cryopump and ((sensor or thermocouple)near2	USPAT;	2004/07/07 16:27
		(malfunction\$ or improperly or broken or properly or	US-PGPUB;	
	24242	incorrect))	EPO; JPO	
6	24248	(sensor or thermocouple)with (malfunction\$ or improperly	USPAT;	2004/07/07 16:27
		or broken or properly or incorrect)	US-PGPUB;	
7	2	cryopump and ((sensor or thermocouple)with (malfunction\$	EPO; JPO USPAT;	2004/07/07 16:27
′	2	or improperly or broken or properly or incorrect))	US-PGPUB;	200 1/07/07 10.27
		or improperty or exercise at property of interfedely)	EPO; JPO	